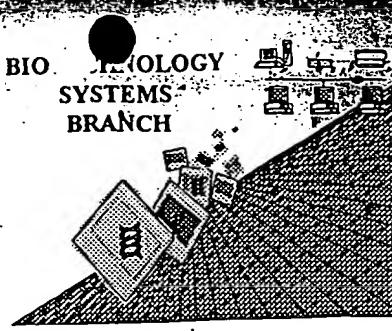


RAW SEQUENCE LISTING
ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/931,375
Source: O I P E
Date Processed by STIC: 08/23/2001

RECEIVED

FEB 14 2002

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§ 1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/931,375</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPIIA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input checked="" type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	

AMC - Biotechnology Systems Branch - 06/04/2001

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

OIPE



RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001
TIME: 17:07:12

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I931375.raw

3 <110> APPLICANT: WARMAN, Matthew L.

4 GONG, Yaoqin

5 OLSEN, Bjorn R.

6 RAWADI, Georges

7 ROMAN-ROMAN, Sergio

9 <120> TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF

10 OSTEOPOROSIS

12 <130> FILE REFERENCE: 38464-0004

--> 14 <140> CURRENT APPLICATION NUMBER: US/09/931,375

--> 14 <141> CURRENT FILING DATE: 2001-08-17

14 <150> PRIOR APPLICATION NUMBER: US 60/304,851

15 <151> PRIOR FILING DATE: 2001-07-13

17 <150> PRIOR APPLICATION NUMBER: US 60/234,337

18 <151> PRIOR FILING DATE: 2000-09-22

20 <150> PRIOR APPLICATION NUMBER: US 60/226,119

21 <151> PRIOR FILING DATE: 2000-08-18

23 <160> NUMBER OF SEQ ID NOS: 89

25 <170> SOFTWARE: PatentIn version 3.0

27 <210> SEQ ID NO: 1

28 <211> LENGTH: 5063

29 <212> TYPE: DNA

30 <213> ORGANISM: Homo sapiens

32 <400> SEQUENCE: 1

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35	gccccggccgg ggcgcgtgc ctgcgtgc tgctgtgtgc ggcgtgtgc	120
37	ggctgcccgg ccccgccgc ggcctcgccg ctccctgtat ttgccaaccg cggggacgta	180
39	cggctggtgg acgcccggcg agtcaagctg gagtccacca tcgtggtcag cggcctggag	240
41	gatgcggccg cagtggactt ccagtttcc aaggggagccg tgacttgac agacgtgagc	300
43	gaggaggcca tcaaggcagac ctacctgaac cagacggggg cgcgcgtgca gaacgtggc	360
45	atctccggcc tggctctcc cgacggcctc gcctgcgact gggtgggcaa gaagctgtac	420
47	tggacggact cagagaccaa ccgcacatcgag gtggccaacc tcaatggcac atccccaaag	480
49	gtgtctttct ggcaggaccc tgaccggcct agggccatcg ctttggacc cgcgcacggg	540
51	tacatgtact ggacagactg gggtgagacg ccccgattt agcggggcagg gatggatggc	600
53	agcacccggaa agatcattgt ggactcggac atttactggc ccaatggact gaccatcgac	660
55	ctggaggagc agaagctcta ctgggctgac gccaagctca gcttcatcca ccgtcccaac	720
57	ctggacggct cttccggca gaagggtggg gagggcagcc tgacgcaccc cttccctgc	780
59	acgtctccgg gggacactct gtactggaca gactggcaga cccgctccat ccatgcctgc	840
61	aacaagcgca ctggggggaa gaggaaggag atcctgagtg ccctctactc acccatggac	900
63	atccagggtgc tgagccagga gcccggcct ttctccaca ctcgtgtga ggaggacaat	960
65	ggcggtgtc cccacctgtc cctgtgtcc ccaagcgac ctttctacac atgcgcctgc	1020
67	cccacgggtg tgcagctgca ggacaacggc aggacgtgtc aggcaggagg cgaggagggt	1080
69	ctgtgtgtgg cccggcgac ggacatccgg agatctcgc tgacacgcg ggacttcacc	1140
71	gacatctgc tgcagggtgg cgcacatccgg cacggcattt ccatcgacta cgaccggcta	1200
73	gagggtatg tctactggac agatgacgag gtgcggccca tccgcagggc gtacctggac	1260
75	gggtctgggg cgacacgct ggtcaacacc gagatcaacg accccatgg catcgccgtc	1320
77	gactgggtgg cccgaaaccc tctactggacc gacacggca cggaccgcat cgaggtgacg	1380
79	cgcctcaacg gcacccccc caagatcctg gtgtcgagg accctggacg gccccggac	1440

Does Not Comply
Corrected Diskette Needed
See page 6 of 8A

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001
TIME: 17:07:12

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I931375.raw

81	atcgcaactgc	accccgtgat	gggcctcatg	tactggacag	actggggaga	gaaccctaaa	1500
83	atcgagtgtg	ccaaacttgg	tgggcaggag	cggcgtgtgc	tgtcaatgc	ctccctcg	1560
85	tggcccaacg	gcctggcc	ctggac	gtcag	gagggaa	actgtgggg	1620
87	acagacaaga	tcgaggtgat	caatgttgat	gggacgaaga	ggcggacc	cctggaggac	1680
89	aagctcccgc	acattttcg	gttcacgctg	ctggggact	tcatctactg	gactgactgg	1740
91	cagcgcgc	catcgagcg	ggtgcacaag	gtcaaggcca	gccgggac	catcattgac	1800
93	cagctggcc	acctgatgg	gctcaaagct	gtgaatgtgg	ccaaaggcgt	cggaaacc	1860
95	ccgtgtgc	ggacaggaacgg	gggggtgc	cacctgtgt	tcttcacacc	ccacgc	1920
97	cggtgtgg	ctccatcg	cctggagctg	ctgagtgaca	tgaagac	ctgcatcg	1980
99	gaggc	tttct	tggtcttac	cagcagagcc	gccatccaca	ggatctcc	2040
101	aacaacgac	tgccatccc	gctcacggg	gtcaaggagg	cctcagcc	ggactttgat	2100
103	gtgtccaa	accacatcta	ctggacagac	gtcagcctg	agaccatc	ccgcgc	2160
105	atgaacgg	gctcggtg	gac	gttgg	ttgactac	cgagg	2220
107	gccgtt	gact	ggatgg	caa	aa	tgg	2280
109	gtggcgc	ggc	tggacgg	gttccgg	gtcctcg	ggagg	2340
111	agg	tcgttgg	ccctggat	caccaagg	tacatctact	ggaccg	2400
113	ccgaggat	cg	tgcgggc	catggac	accaactg	tgacgct	2460
115	ggccgg	cc	acgac	cattgact	gtgacc	gcctact	2520
117	gacacca	aca	tgatcg	gtcca	acatg	ctgggtc	2580
119	gatctcc	gc	ccgttcc	tctg	ac	tgacg	2640
121	aatctgc	caca	gcattg	gagcg	ggcc	actg	2700
123	ggccac	ctgg	acttcgt	gat	ggatc	cttccgc	2760
125	aatgact	gtcaca	acaa	cggc	agtgt	ggc	2820
127	caccg	ctgc	g	ctgc	gc	ctgc	2880
129	cccacc	actt	gtgt	cagcc	aaa	tctgc	2940
131	cagcac	agcc	cg	gat	ctc	catg	3000
133	tatgac	ccac	tggaca	agg	ttt	gtggat	3060
135	aaggac	gac	ggaccc	ctt	gtt	ttt	3120
137	aggc	agcc	cc	ac	tgac	atc	3180
139	gccacca	ata	ccatca	acgt	ccacagg	ctg	3240
141	ggggac	cg	aca	ggcc	atcg	ctgc	3300
143	accaac	atgc	aggac	ccgg	ac	gc	3360
145	gagg	tct	tcac	acc	cct	gtgg	3420
147	ggcaag	ctgt	tct	gg	gtt	gg	3480
149	gccaac	g	tgac	cc	atc	gtgt	3540
151	ggcaag	cat	tct	act	ggat	cg	3600
153	accggg	gaca	agc	ggact	cat	ccat	3660
155	gtggag	ga	tcag	ctg	ggat	ttc	3720
157	tgtccc	caca	tctgt	tatt	ggat	gtgt	3780
159	ctcg	gtc	tgc	aga	acc	ctgt	3840
161	tttg	catgt	g	ca	ccat	gtgt	3900
163	cccg	actg	atg	acc	agg	ggat	3960
165	ccct	gcgc	gggt	tcag	tgt	ggac	4020
167	cagg	accg	ct	gac	gt	ggat	4080
169	gcg	agc	ggcc	atgt	gtc	atcg	4140
171	ggct	ccac	g	atc	tac	cccg	4200
173	agc	atgt	tcg	ggccc	ttt	ccgc	4260
175	tattt	gtgt	gtc	gggt	gtgt	ccgc	4320
177	cac	gag	at	ccgc	ggat	ttcc	4380

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001
TIME: 17:07:12

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I931375.raw

179 cagcatggcc cttcacagg catcgcatgc ggaaagtcca tcatgagctc cgtgagccctg 4440
 181 atggggggcc ggggggggt gcccctgtac gacggaaacc acgtcacagg ggcctcg 4500
 183 agcagctcggt ccagcacgaa ggccacgctg taccggccga tcctgaaccc gccgcctcc 4560
 185 ccggccacgg acccctccct gtacaacatg gacatgttct actcttcaaa cattccggcc 4620
 187 actgcgagac cgtacaggcc ctacatcatt cgaggaatgg cggcccgac gacgcctgc 4680
 189 agcaccgacg tgtgtacag cgactacagc gccagccgct ggaaggccag caagtactac 4740
 191 ctggatttga actcgactc agaccctat ccacccac ccacgccccca cagccagtg 4800
 193 ctgtcgccgg aggacagctg cccgcctcg cccgcaccg agaggagcta cttccatctc 4860
 195 ttcccgcccc ctccgtcccc ctgcacggac tcattctgac ctcggccggg ccactctggc 4920
 197 ttctctgtgc ccctgtaaat agttttaat atgaacaaag aaaaaaatat attttatgt 4980
 199 ttaaaaaata aatataattg ggattttaaa aacatgagaa atgtgaactg tcatggggtg 5040
 201 ggcagggctg ggagaactt gta 5063
 204 <210> SEQ ID NO: 2
 205 <211> LENGTH: 1615
 206 <212> TYPE: PRT
 207 <213> ORGANISM: Homo sapiens
 209 <400> SEQUENCE: 2
 211 Met Glu Ala Ala Pro Pro Gly Pro Pro Trp Pro Leu Leu Leu Leu Leu
 212 1 5 10 15
 214 Leu Leu Leu Leu Ala Leu Cys Gly Cys Pro Ala Pro Ala Ala Ser
 215 20 25 30
 217 Pro Leu Leu Leu Phe Ala Asn Arg Arg Asp Val Arg Leu Val Asp Ala
 218 35 40 45
 220 Gly Gly Val Lys Leu Glu Ser Thr Ile Val Val Ser Gly Leu Glu Asp
 221 50 55 60
 223 Ala Ala Ala Val Asp Phe Gln Phe Ser Lys Gly Ala Val Tyr Trp Thr
 224 65 70 75 80
 226 Asp Val Ser Glu Glu Ala Ile Lys Gln Thr Tyr Leu Asn Gln Thr Gly
 227 85 90 95
 229 Ala Ala Val Gln Asn Val Val Ile Ser Gly Leu Val Ser Pro Asp Gly
 230 100 105 110
 232 Leu Ala Cys Asp Trp Val Gly Lys Lys Leu Tyr Trp Thr Asp Ser Glu
 233 115 120 125
 235 Thr Asn Arg Ile Glu Val Ala Asn Leu Asn Gly Thr Ser Arg Lys Val
 236 130 135 140
 238 Leu Phe Trp Gln Asp Leu Asp Gln Pro Arg Ala Ile Ala Leu Asp Pro
 239 145 150 155 160
 241 Ala His Gly Tyr Met Tyr Trp Thr Asp Trp Gly Glu Thr Pro Arg Ile
 242 165 170 175
 244 Glu Arg Ala Gly Met Asp Gly Ser Thr Arg Lys Ile Ile Val Asp Ser
 245 180 185 190
 247 Asp Ile Tyr Trp Pro Asn Gly Leu Thr Ile Asp Leu Glu Glu Gln Lys
 248 195 200 205
 250 Leu Tyr Trp Ala Asp Ala Lys Leu Ser Phe Ile His Arg Ala Asn Leu
 251 210 215 220
 253 Asp Gly Ser Phe Arg Gln Lys Val Val Glu Gly Ser Leu Thr His Pro
 254 225 230 235 240
 256 Phe Ala Leu Thr Leu Ser Gly Asp Thr Leu Tyr Trp Thr Asp Trp Gln
 257 245 250 255

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001
TIME: 17:07:12

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I931375.raw

259 Thr Arg Ser Ile His Ala Cys Asn Lys Arg Thr Gly Gly Lys Arg Lys
 260 260 265 270
 262 Glu Ile Leu Ser Ala Leu Tyr Ser Pro Met Asp Ile Gln Val Leu Ser
 263 275 280 285
 265 Gln Glu Arg Gln Pro Phe Phe His Thr Arg Cys Glu Glu Asp Asn Gly
 266 290 295 300
 268 Gly Cys Ser His Leu Cys Leu Leu Ser Pro Ser Glu Pro Phe Tyr Thr
 269 305 310 315 320
 271 Cys Ala Cys Pro Thr Gly Val Gln Leu Gln Asp Asn Gly Arg Thr Cys
 272 325 330 335
 274 Lys Ala Gly Ala Glu Glu Val Leu Leu Ala Arg Arg Thr Asp Leu
 275 340 345 350
 277 Arg Arg Ile Ser Leu Asp Thr Pro Asp Phe Thr Asp Ile Val Leu Gln
 278 355 360 365
 280 Val Asp Asp Ile Arg His Ala Ile Ala Ile Asp Tyr Asp Pro Leu Glu
 281 370 375 380
 283 Gly Tyr Val Tyr Trp Thr Asp Asp Glu Val Arg Ala Ile Arg Arg Ala
 284 385 390 395 400
 286 Tyr Leu Asp Gly Ser Gly Ala Gln Thr Leu Val Asn Thr Glu Ile Asn
 287 405 410 415
 289 Asp Pro Asp Gly Ile Ala Val Asp Trp Val Ala Arg Asn Leu Tyr Trp
 290 420 425 430
 292 Thr Asp Thr Gly Thr Asp Arg Ile Glu Val Thr Arg Leu Asn Gly Thr
 293 435 440 445
 295 Ser Arg Lys Ile Leu Val Ser Glu Asp Leu Asp Glu Pro Arg Ala Ile
 296 450 455 460
 298 Ala Leu His Pro Val Met Gly Leu Met Tyr Trp Thr Asp Trp Gly Glu
 299 465 470 475 480
 301 Asn Pro Lys Ile Glu Cys Ala Asn Leu Asp Gly Gln Glu Arg Arg Val
 302 485 490 495
 304 Leu Val Asn Ala Ser Leu Gly Trp Pro Asn Gly Leu Ala Leu Asp Leu
 305 500 505 510
 307 Gln Glu Gly Lys Leu Tyr Trp Gly Asp Ala Lys Thr Asp Lys Ile Glu
 308 515 520 525
 310 Val Ile Asn Val Asp Gly Thr Lys Arg Arg Thr Leu Leu Glu Asp Lys
 311 530 535 540
 313 Leu Pro His Ile Phe Gly Phe Thr Leu Leu Gly Asp Phe Ile Tyr Trp
 314 545 550 555 560
 316 Thr Asp Trp Gln Arg Arg Ser Ile Glu Arg Val His Lys Val Lys Ala
 317 565 570 575
 319 Ser Arg Asp Val Ile Ile Asp Gln Leu Pro Asp Leu Met Gly Leu Lys
 320 580 585 590
 322 Ala Val Asn Val Ala Lys Val Val Gly Thr Asn Pro Cys Ala Asp Arg
 323 595 600 605
 325 Asn Gly Gly Cys Ser His Leu Cys Phe Phe Thr Pro His Ala Thr Arg
 326 610 615 620
 328 Cys Gly Cys Pro Ile Gly Leu Glu Leu Leu Ser Asp Met Lys Thr Cys
 329 625 630 635 640
 331 Ile Val Pro Glu Ala Phe Leu Val Phe Thr Ser Arg Ala Ala Ile His

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001
TIME: 17:07:12

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I931375.raw

332	645	650	655
334	Arg Ile Ser Leu Glu Thr Asn Asn Asp Val Ala Ile Pro Leu Thr		
335	660	665	670
337	Gly Val Lys Glu Ala Ser Ala Leu Asp Phe Asp Val Ser Asn Asn His		
338	675	680	685
340	Ile Tyr Trp Thr Asp Val Ser Leu Lys Thr Ile Ser Arg Ala Phe Met		
341	690	695	700
343	Asn Gly Ser Ser Val Glu His Val Val Glu Phe Gly Leu Asp Tyr Pro		
344	705	710	715
346	Glu Gly Met Ala Val Asp Trp Met Gly Lys Asn Leu Tyr Trp Ala Asp		
347	725	730	735
349	Thr Gly Thr Asn Arg Ile Glu Val Ala Arg Leu Asp Gly Gln Phe Arg		
350	740	745	750
352	Gln Val Leu Val Trp Arg Asp Leu Asp Asn Pro Arg Ser Leu Ala Leu		
353	755	760	765
355	Asp Pro Thr Lys Gly Tyr Ile Tyr Trp Thr Glu Trp Gly Gly Lys Pro		
356	770	775	780
358	Arg Ile Val Arg Ala Phe Met Asp Gly Thr Asn Cys Met Thr Leu Val		
359	785	790	795
361	800		800
362	Asp Lys Val Gly Arg Ala Asn Asp Leu Thr Ile Asp Tyr Ala Asp Gln		
364	805	810	815
365	Arg Leu Tyr Trp Thr Asp Leu Asp Thr Asn Met Ile Glu Ser Ser Asn		
367	820	825	830
368	Met Leu Gly Gln Glu Arg Val Val Ile Ala Asp Asp Leu Pro His Pro		
370	835	840	845
371	Phe Gly Leu Thr Gln Tyr Ser Asp Tyr Ile Tyr Trp Thr Asp Trp Asn		
372	850	855	860
373	Leu His Ser Ile Glu Arg Ala Asp Lys Thr Ser Gly Arg Asn Arg Thr		
374	865	870	875
376	880		880
377	Leu Ile Gln Gly His Leu Asp Phe Val Met Asp Ile Leu Val Phe His		
379	885	890	895
380	Ser Ser Arg Gln Asp Gly Leu Asn Asp Cys Met His Asn Asn Gly Gln		
382	900	905	910
383	Cys Gly Gln Leu Cys Leu Ala Ile Pro Gly Gly His Arg Cys Gly Cys		
385	915	920	925
386	Ala Ser His Tyr Thr Leu Asp Pro Ser Ser Arg Asn Cys Ser Pro Pro		
388	930	935	940
389	Thr Thr Phe Leu Leu Phe Ser Gln Lys Ser Ala Ile Ser Arg Met Ile		
391	945	950	955
392	960		960
394	Pro Asp Asp Gln His Ser Pro Asp Leu Ile Leu Pro Leu His Gly Leu		
395	965	970	975
397	Arg Asn Val Lys Ala Ile Asp Tyr Asp Pro Leu Asp Lys Phe Ile Tyr		
398	980	985	990
400	Trp Val Asp Gly Arg Gln Asn Ile Lys Arg Ala Lys Asp Asp Gly Thr		
401	995	1000	1005
403	Gln Pro Phe Val Leu Thr Ser Leu Ser Gln Gly Gln Asn Pro Asp		
404	1010	1015	1020
405	Arg Gln Pro His Asp Leu Ser Ile Asp Ile Tyr Ser Arg Thr Leu		
406	1025	1030	1035

210> 3
211> 20
212> DNA
213> Artificial Sequence

400> 3
gctgcctt agacttagcc

20

210> 4
211> 18
212> DNA
213> Artificial Sequence

400> 4
caagtcgct tccgagac

18

210> 5
211> 20
212> DNA
213> Artificial Sequence

400> 5

Errored 09/931, 375

When the 213 response to
"Artificial Sequence" a
mandatory response is required
in field 223.

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001
TIME: 17:07:13

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I931375.raw

1:14 M:270 C: Current Application Number differs, Replaced Current Application No
1:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
1:528 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:528 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:537 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:537 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:546 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:546 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:555 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:555 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:564 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:564 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:573 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:573 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:582 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:582 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:591 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:591 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:600 M:258 W: Mandatory Feature missing, <220> FEATURE:
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001
TIME: 17:07:13

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I931375.raw

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